

Management System - Record sold tickets

Name:

Record sold tickets

Description:

This use case covers selling a number of tickets for a particular viewing, changing the number of tickets sold, and **remembering its owners in the system**.

Actors:

Staff

Triggers:

The use case is triggered by a customer who intends to buy a ticket for a particular viewing.

Preconditions:

The screening (screen and time) for that movie must already exist in the movie arrangement.

Postconditions:

After the use case is completed, the number of tickets sold will be updated and the information of tickets' owners will be remembered.

Course of events:

Basic course of events:

1. The user performs the "Display movie arrangement" use case.
2. The system display all movie arrangement (time and screen).
3. The user performs the "Display sold tickets and screens' capacity" use case.
4. The user selects the relevant movie screening from the display.
5. The system highlights the movie screening to indicate it is selected.
6. The user selects the record sold tickets funtion.
7. The system update the number of the sold ticket and records the information of the customers, and the display is updated.

Exceptional course of events:

1. The user performs the "Display movie arrangement" use case.
2. The system display all movie arrangement (time and screen).
3. The user performs the "Display sold tickets and screens' capacity" use case.
4. The user selects the relevant movie screening from the display.
5. The system highlights the movie screening to indicate it is selected.
6. The user selects the record sold tickets funtion.
7. The system warns the user that the tickets for that movie screen has been sold out, and returns to step 5.

Extension Points:

None

Inclusion:

Display movie arrangements

Display sold tickets and screens' capacity